

Converting Colors

CIELCh(79, 53.371, 323.319)

Have a look what the booklet for
CIELCh(79, 53.371, 323.319)
contains.

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Color

CIELCh(79, 53.116, 323.603)

Conversions

Conversions Part 1

Format	Color
Hex	F7A8FF
RGB	247, 168, 255
RGB Percent	97%, 66%, 100%
CMY	0.0318, 0.3416, 0.0005
CMYK	0.03, 0.34, 0.00, 0.00
HSL	294°, 100%, 83%
HSV	294°, 34%, 100%
XYZ	70.3278, 54.9284, 101.4027
YIQ	201.5390, 19.1570, 43.8050

Conversions

Conversions Part 2

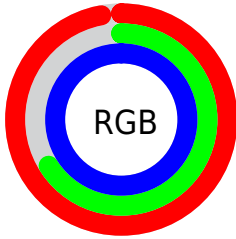
Format	Color
R_{YB}	247, 168, 255
Decimal	16230655
CIE _{Lab}	79.00, 42.75, -31.52
CIE _{LCh}	79, 53.116, 323.603
Yxy	54.9284, 0.3103, 0.2423
Android (android.graphics.Color)	4294420735 (0xFFFF7A8FF)
YUV	201.5390, 26.3563, 39.8693
Hunter-Lab	74.1137, 39.6829, -29.2413

Details

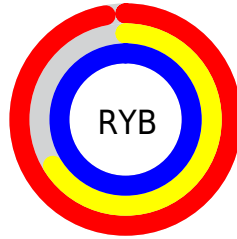
The CIELCh color **79, 53.116, 323.603** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 52.813, 139.765**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 19.393, 325.098**, and **59, 53.302, 323.486** is the 20% darker color. If you saturate the color by 10%, you get **74, 68.077, 324.042**, and if you desaturate by 10%, it is **85, 37.608, 323.125**.

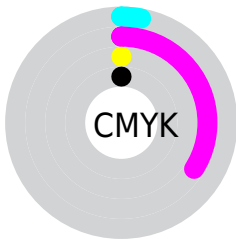
Distribution



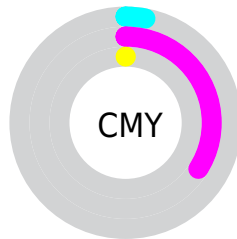
- Red (97%)
- Green (66%)
- Blue (100%)



- Red (97%)
- Yellow (66%)
- Blue (100%)



- Cyan (3%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (34%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 53.116, 323.603 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 79, 53.116, 323.603 by changing the saturation by 10% instead.

 79, 53.116,
323.603

 79, 53.116,
323.603


 100, 53.116,
323.603


 69, 53.116,
323.603

 99, 53.116,
323.603


 59, 53.116,
323.603

 49, 53.116,
323.603

 39, 53.116,
323.603

 29, 53.116,
323.603

 19, 53.116,
323.603

 9, 53.116, 323.603

■ 0, 53.116, 323.603

■ 79, 53.116,
323.603

■ 79, 53.116,
323.603

■ 74, 68.077,
324.042

■ 85, 37.608,
323.125

■ 69, 81.988,
324.416

■ 91, 21.939,
322.626

■ 64, 94.222,
324.699

■ 97, 6.369, 322.098

■ 61, 104.117,
324.861

100, 0.048,
108.580

■ 58, 111.130,
324.877

■ 57, 115.054,
324.734

■ 56,116.236,
324.590

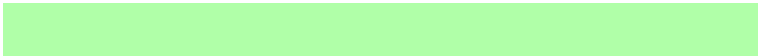
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79, 53.116, 323.603



93, 52.813, 139.765

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 53.116, 323.603



79, 53.116, 13.603



79, 53.116, 143.603



79, 53.116, 193.603

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79, 53.113, 323.603



94, 15.493, 322.415



74, 42.401, 290.519



49, 10.580, 322.488



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 53.113, 323.603



75, 63.505, 323.910



79, 41.462, 341.533



50, 8.805, 322.390



42, 93.641, 324.651



11, 43.037, 325.073

Inverse Universe

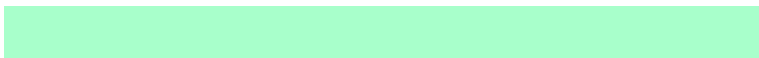
The Inverse Universe completely reimagines the original color for something new.



77, 34.281, 15.514



73, 41.955, 16.677



93, 40.502, 155.542



50, 5.282, 12.522



40, 80.354, 36.351



10, 32.657, 23.448

Previews

White Background



This preview shows how the CIELCh color 79, 53.116, 323.603 looks on a white background.

Color Contrast Check

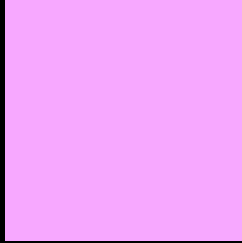
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 53.116, 323.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 53.116, 323.603

Background



This preview shows how black text looks on a background with the CIELCh color 79, 53.116, 323.603.

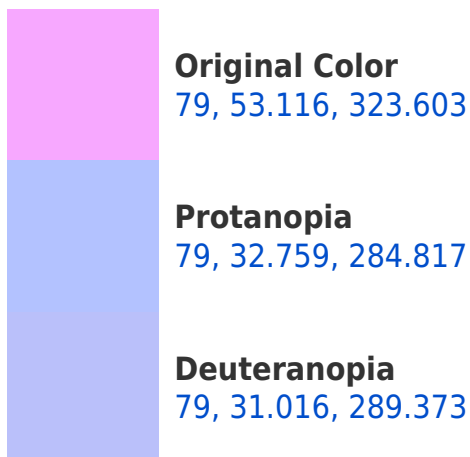


This preview shows how white text looks on a background with the CIELCh color 79, 53.116, 323.603.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
79, 23.478, 3.102

Trichromacy



Original Color
79, 53.116, 323.603



Protanomaly
79, 38.108, 302.690



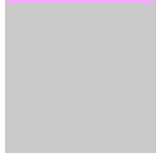
Deuteranomaly
79, 38.007, 305.772

Tritanomaly
79, 31.912, 340.563

Monochromacy



Original Color
79, 53.116, 323.603



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 20.020, 322.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 53.116, 323.603 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 168, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 168, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 53.116, 323.603 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 168, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 168, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 168,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 53.116, 323.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 168, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
168, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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